

# PATENT ABSTRACTS OF JAPAN

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(54) FIRMWARE BUILT-IN APPARATUS AND BOOT PROGRAM FOR SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a firmware built-in apparatus that can load a firmware in either case where the firmware is memorized as a noncompressed file or a compressed file.

SOLUTION: A flash ROM 12 memorizes a plurality of firmwares 120, 121, 122 and also identification information 120a, 121a, 122a indicating whether it is the compressed file or noncompressed file. A boot loader program selects the firmware when booted and also determines whether the file is the compressed file or decompressed file based on the identification information. The file is developed on a RAM 13 while extending for the compressed file, and developed as it is for the noncompressed file.

